

इंटरनेट

मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 6869-3 (1973): Playground Equipment for Parks, Part III:  
Horizontal Ladders [PCD 22: Sports Goods]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



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*Indian Standard*  
**SPECIFICATION FOR  
 PLAYGROUND EQUIPMENT FOR PARKS**  
**PART III HORIZONTAL LADDERS**

**1. Scope** — Specifies the requirements for horizontal ladders erected in parks as playground equipment.

**2. Materials** — As given in 2 of IS : 6869 ( Part I )-1973 ' Specification for playground equipment for parks: Part I General requirements (*under print*) '.

**3. Dimensions**

**3.1 Height** — Minimum 1 675 mm, Maximum 2 000 mm.

**3.2 Length** — Minimum 4 900 mm, Maximum 6 100 mm.

**3.3 Stiles** — Steel tube of 48.3 mm diameter and 4.0 mm thick.

**3.4 Rungs**

a) *Length* — ( that is, clearance between stiles ) *Min* 350 mm, *Max* 400 mm.

b) *Steel tube (if used)* — of 33.7 mm dia and 2.6 mm thick.

c) *Steel core (if used)* — of 12.5 mm dia.

d) *Timber casing for steel core* — outside diameter  $33.5 \pm 1.5$  mm.

**3.5 Supporting Framework** — Steel tube of 48.3 mm dia and 4.0 mm thick. Each supporting tube shall be embedded 450 mm in the concrete block.

**3.6 Steps** — Not less than 33.7 diameter steel tube 4.0 mm thick.

**3.7 Concrete Blocks** — Not less than 450 mm square for each vertical tube and not less than 540 mm deep.

**4. Construction** — The apparatus shall consist of two parallel stiles connected by rungs and supported by two pairs of vertical or splayed tubes. One pair of supports shall be placed at each end of the horizontal ladder.

**4.1 Steps** — At least three transverse tubes or rods shall be fixed at the lower portion of one of the pairs of end supports to serve as steps, similar steps may be provided at the other end of the ladder.

**5. Workmanship and Finish** — Provisions of 3.1, 3.2 and 3.3 of IS : 6869 ( Part I )-1973 shall apply.

**6. Marking** — Provisions of 6 of IS : 6869 ( Part I )-1973 shall apply.

**6.1 ISI Certification Marking** — Details available with the Indian Standards Institution.

**7. Packing** — Provisions of 7 of IS : 6869 ( Part I )-1973 shall apply.